



# Moodle Your Noodle

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# What is Moodle



## Modular Object-Oriented Dynamic Learning Environment

(also means the process of lazily meandering through something, doing things as it occurs to you to do them, and enjoyable tinkering that often leads to insight and creativity.)

Created by Martin Dougiamas

# What is Moodle



- An open source Course Management System
- Based on a Social Constructionist teaching process
- Community of developers
- Moodle server
- Moodle can be modified



# Moodle Statistics



- Over 66,000 registered sites
- Over 215 countries
- Over 6 million courses
- Over 58 million users
- Over 55 million resources uploaded

This is on registered sites.

# Points to Remember



- Moodle is divided into sections called modules.
- Groups/No groups
- Reports
- Grading
- Ease of set-up
- Ongoing help

A screenshot of the Moodle course settings interface, tilted at an angle. It shows various configuration options for a course. The 'Format' section includes 'Topics format', 'Number of weeks/topics' (10), 'Course start date' (19 April 2009), 'Hidden sections' (5), 'News items to show' (5), 'Show grades' (Yes), 'Show activity reports' (No), 'Maximum upload size' (50MB), and 'Force theme' (Do not force). The 'Enrolments' section includes 'Enrolment Plugins' (Site Default (Internal Enrolment)), 'Default role' (Site Default (Student)), 'Course enrollable' (No), 'Start date' (18 April 2009), 'End date' (18 April 2009), and 'Enrolment duration' (Unlimited). There are also checkboxes for 'Disable' next to the date ranges.

Format ? Topics format  
Number of weeks/topics 10  
Course start date ? 19 April 2009  
Hidden sections ? 5  
News items to show ? 5  
Show grades ? Yes  
Show activity reports ? No  
Maximum upload size ? 50MB  
Force theme ? Do not force  
Is this a meta course? ? No

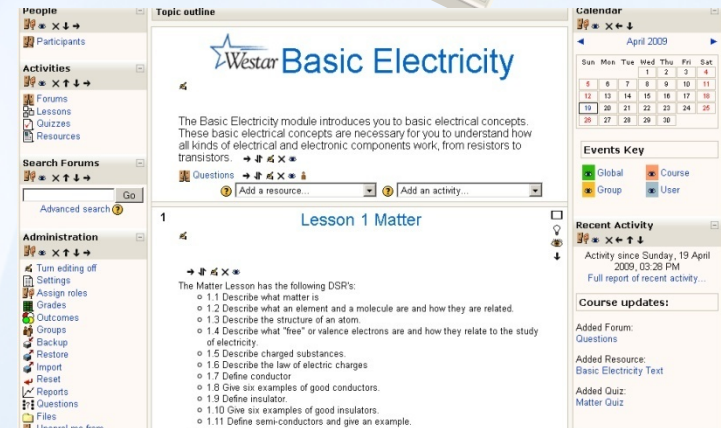
Enrolments

Enrolment Plugins ? Site Default (Internal Enrolment)  
Default role ? Site Default (Student)  
Course enrollable ? No ☒ Yes ☐ Date range  
Start date 18 April 2009 ☒ Disable  
End date 18 April 2009 ☒ Disable  
Enrolment duration Unlimited

# Course Home Page

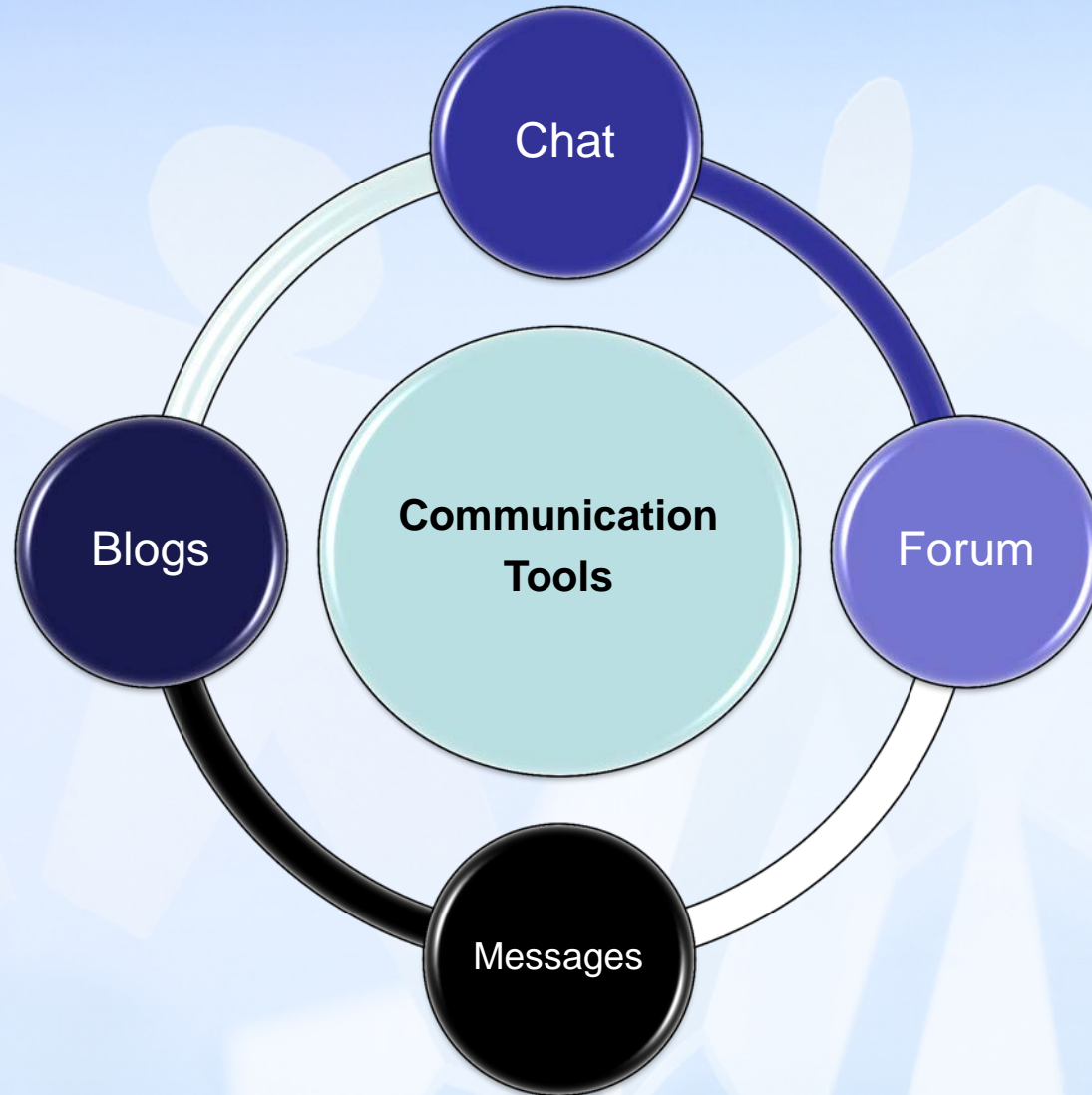


- Courses
  - Categories
  - Users
- Blocks
- Graphics
- Search tools





# Communication Tools



# Chat Module



- Synchronous Communication
- Anytime, anywhere communication
  - Online office hours
  - Group chats
  - Last-minute exam prep
- Chat logs

Image File history Links

Name of this chat room: Weekly Get-together

Introduction text:

Write carefully  
Ask good questions  
Use emoticons

This is where we will gather to discuss how things have gone for the past seven days.

Please keep in mind that the chat is archived and that the transcript of the chat will be visible to anyone who logs into the site.

Path: body > font

Next chat time: 4 April 2006 - 16:40

Repeat sessions: Don't publish any chat times

Save past sessions: 30 days

Everyone can view past sessions: Yes

Group mode: No groups

Visible to moodlementors: Show

Save changes Cancel

No higher resolution available.

[Chat\\_setup.gif](#) (656 x 445 pixel, file size: 31 KB, MIME type: image/gif)

This is a Physics Chat

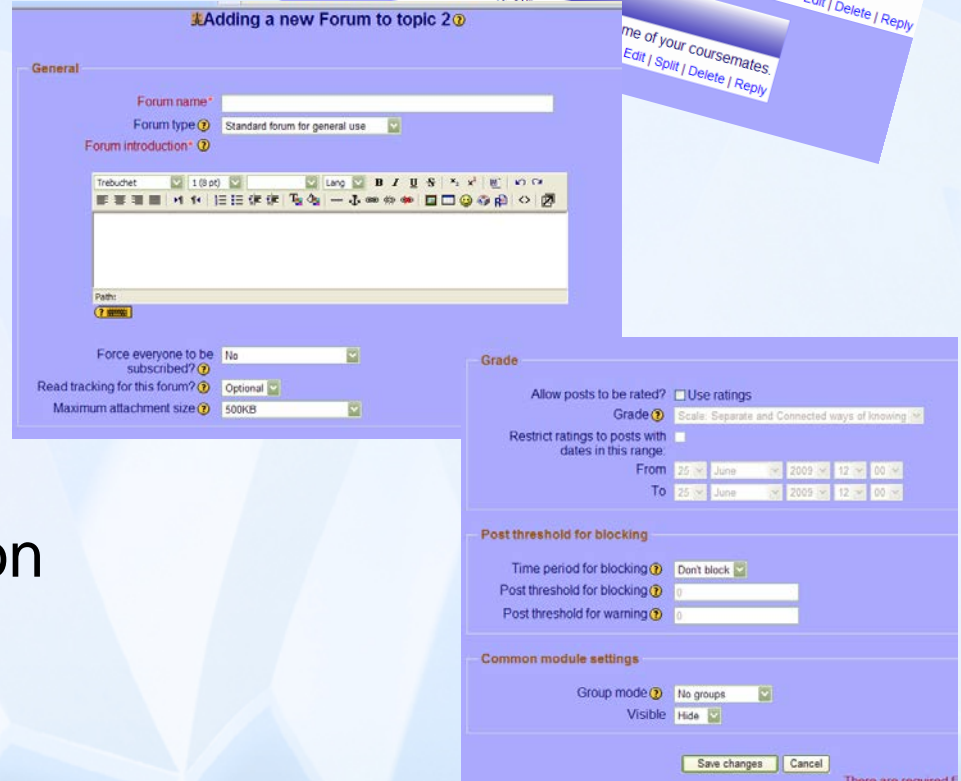
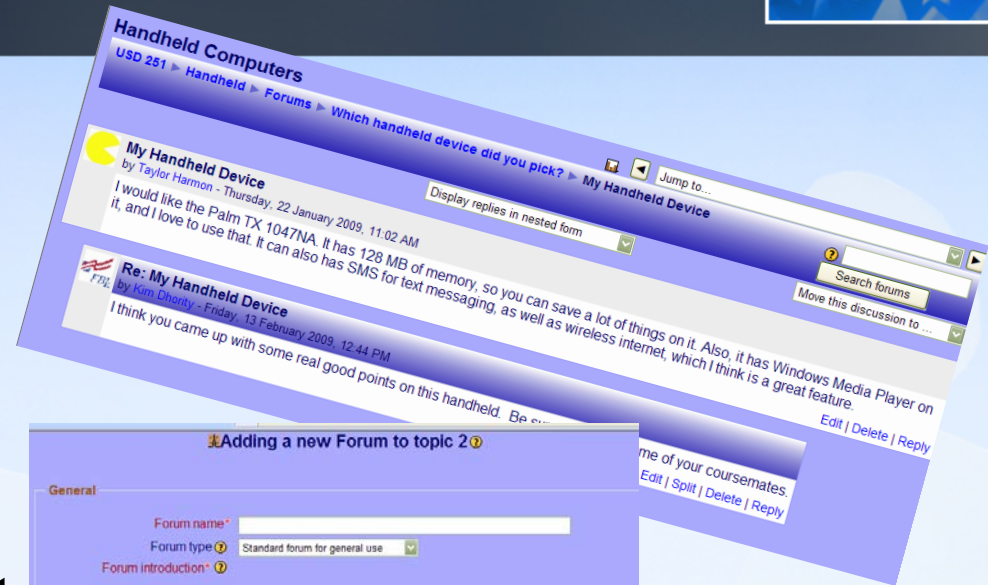




# Forum Module



- Asynchronous Communication
- Provides area for group discussion
- Ongoing transcript
- Types of forum
  - Single, simple discussion
  - One post discussion
  - Q&A forum
  - Standard forum



# Messages Module



- Private Communication
- Not course specific
- Use to answer student/teacher questions
- Student/student conversation

# Blogs Module



- “Web-Log”
- Each user has their own blog
- Clearly defined goal for blogs

Personal profile: Kim Dhority Jump to...

USD 251 » Handheld » Participants » Kim Dhority

**Kim Dhority**

Profile Edit profile Forum posts Blog Activity reports Roles

 City/town: Allen  
Email address: dhorityk@usd251.org  
Last access: Thursday, 25 June 2009, 01:09 PM (now)  
Roles: Course creator, Teacher

Change password Unenrol me from Handheld Messages

Add a new entry

Entry title:

Publish to:

Tags: **Official tags**  
general learning  
musings  
What the?

**User defined tags**  
Agriculture  
Geology  
Model trains

Add/delete tags ...

Blog entry body:

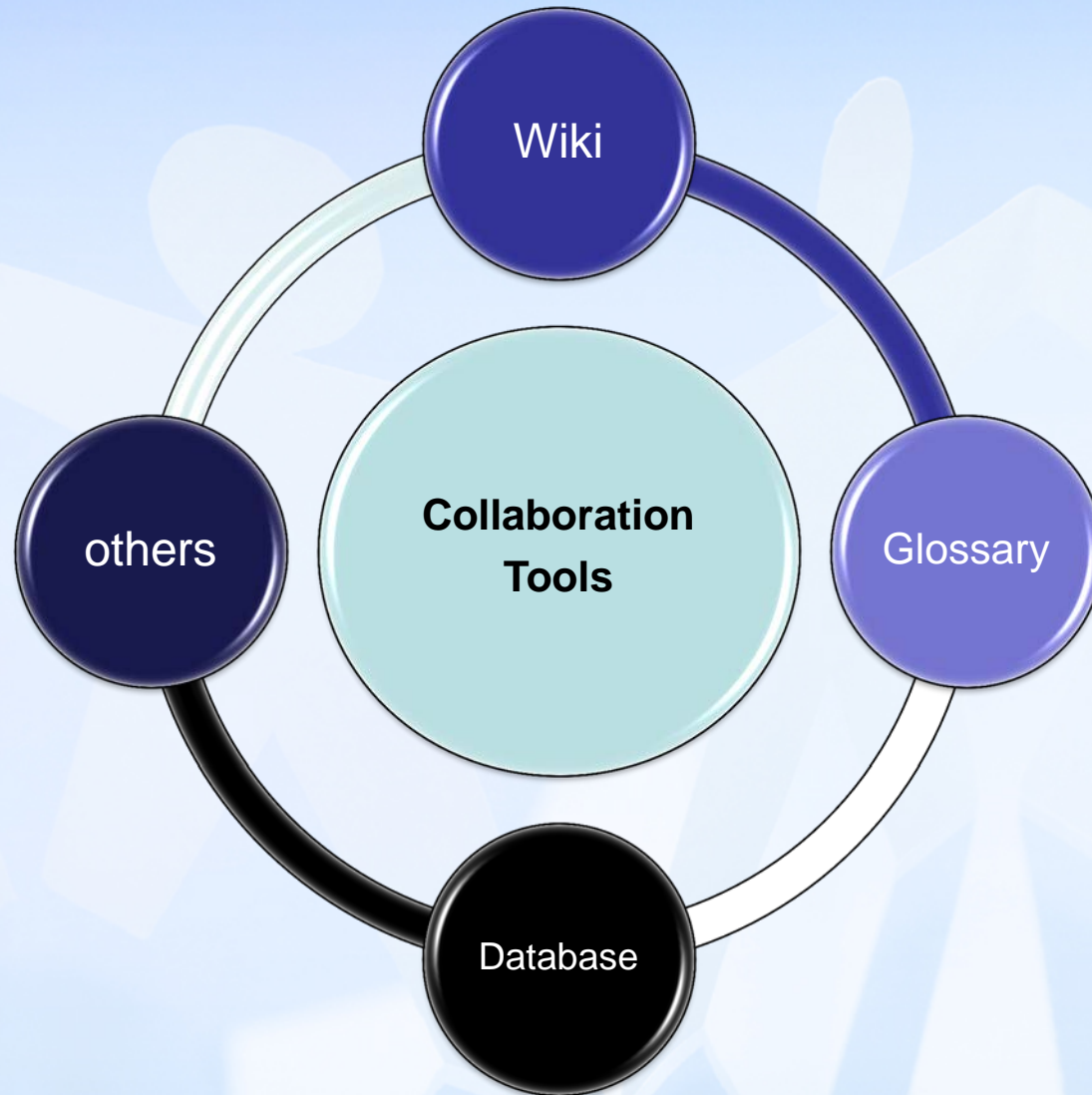
Write carefully  
About the HTML editor

Formatting: HTML format

Save changes



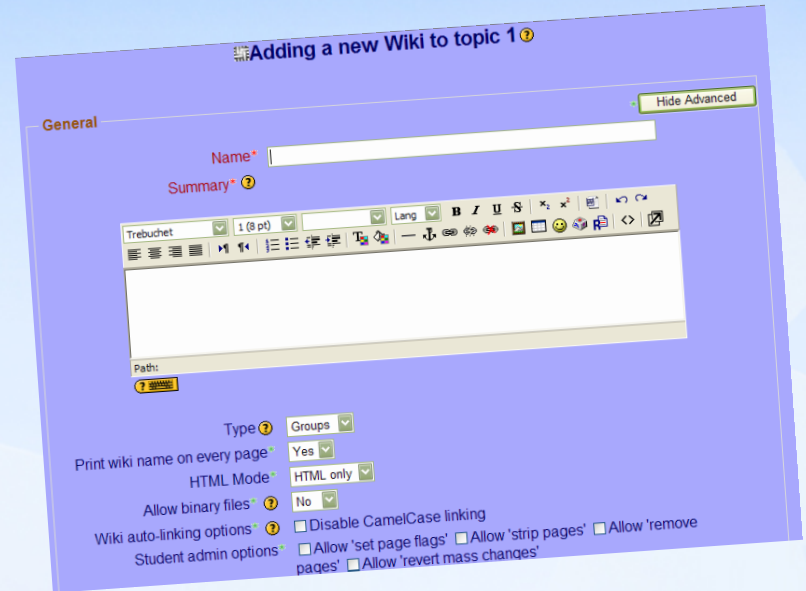
# Collaboration Tools



# Wiki Module



- A collection of collaboratively authored web pages
- Entire class can edit a document
- Brainstorming ideas
- Gives motivation to look at other wiki pages



# Glossary Module



- Main glossary for teacher
- Secondary glossary for students
- Different browse modes
- Link to words in entire course

The screenshot displays the 'Adding a new Glossary to topic 1' form, which is divided into two main sections: 'General' and 'Grade'.

**General Section:**

- Name:** A text input field.
- Description:** A text area with a rich text editor toolbar.
- Path:** A text input field.
- Entries shown per page:** A dropdown menu set to 10.
- Is this glossary global?:** A checkbox (unchecked).
- Glossary Type:** A dropdown menu set to 'Secondary glossary'.
- Duplicated entries allowed:** A checkbox (checked).

**Grade Section:**

- Allow entries to be rated?:** A checkbox (unchecked).
- Users:** A dropdown menu set to 'Only teachers can rate entries'.
- Grade:** A dropdown menu set to 'Scale: Separate and Connected ways of knowing'.
- Restrict ratings to entries with dates in this range:** A checkbox (checked).
- From:** A date range selector set to '25 June 2009 12:50'.
- To:** A date range selector set to '25 June 2009 12:50'.

**Preview Section (Top Right):**

This section shows a preview of the glossary content. It includes a navigation bar with buttons: 'Browse by alphabet', 'Browse by category', 'Browse by date', and 'Browse by Author'. Below this is a search bar labeled 'Special|A|B|C|D|E|F|G|H|I|J|K|L|M|N|O|P|Q|R|S|T|U|V|W|X|Y|Z|ALL'. The preview shows the following content:

Page: 1 2 (Next) ALL

**B**

**Choosing:** To either tap a menu choice on your palm screen or click a specific menu choice with your desktop

**C**

**Choosing:** Means to either tap a menu choice on your palm screen or click a specific menu choice with your desktop



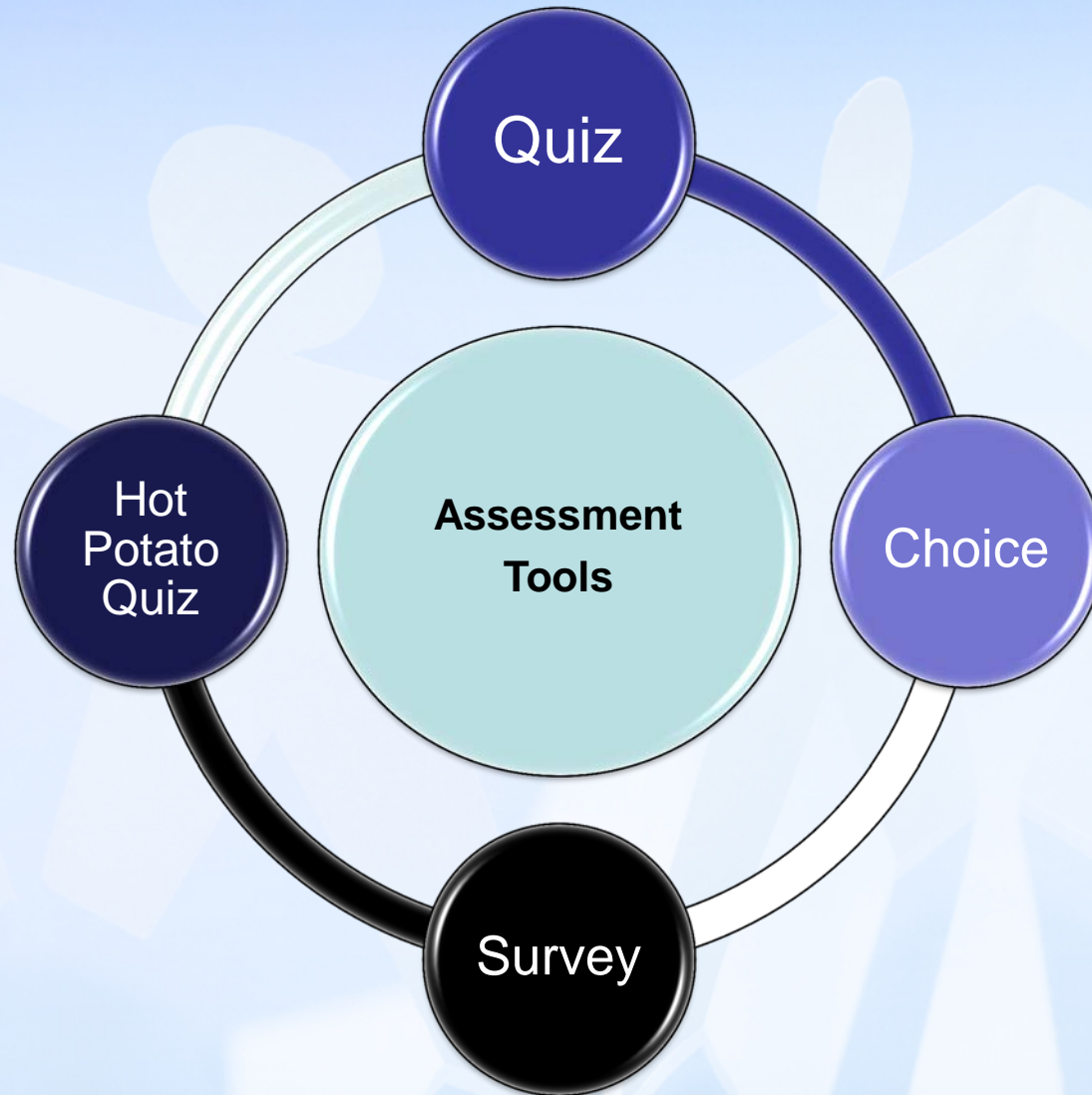
# Database Module



- Simple, easy-to-use, general purpose database
- Students can fill in a form to add data
- Vary the involvement of the students in the design of the database

A screenshot of a web form titled "Adding a new Database to topic 1". The form has a "General" tab. It includes a "Name\*" text field, an "Introduction\*" text area with a rich text editor toolbar, and a "Path:" field. Below these are several date and time settings: "Available from" (25 June 2009), "Available to" (25 June 2009), "Viewable from" (25 June 2009), and "Viewable to" (25 June 2009), each with a "Disable" checkbox. There are also "Required entries" and "Entries required before viewing" dropdown menus, both set to "None".A screenshot of a "Handheld Database" interface. It features a navigation bar with buttons: "View list", "View single", "Add entry", "Templates", "Fields", and "Presets". The main area contains the text: "There are no fields defined for this database. Please create some below or choose a predefined set to get started." Below this is a "Create a new field:" label followed by a "Choose..." dropdown menu and a help icon.

# Assessment Tools



# Quiz Module



- Create and give online quizzes
- Variety of question formats
- Immediate feedback
- Questions and/or answers shuffled
- Can require password.
- Can set time limits
- Import questions

Name\* Matter Quiz

Introduction

Trebuchet 1 (8 pt) Lang B I U S K x

This is a quiz over the Lesson 1 Matter.

Path: body

Timing

Open the quiz 19 April 2009 16:10 Disable

Close the quiz 19 April 2009 16:10 Disable

Time limit (minutes) 0 Enable

Time delay between first and second attempt None

Time delay between later attempts None

Display

Questions per page Unlimited

Shuffle questions No

Question bank

Category Default for Electricity

☒ Display questions from sub-categories too

☐ Also show old questions

☐ Show question text in the question list

The default category for questions shared in context 'Electricity'.

Create new question Multiple Choice

- Choose...
- Calculated
- Description
- Essay
- Matching
- Embedded Answers (Cloze)
- Multiple Choice
- Short Answer
- Numerical
- Random Short-Answer Matching
- True/False



# Choice Module




- Informal survey
- Create questions and provide choices for participants
- Results can be posted with identities or anonymously
- Results for teacher and/or students


? Adding a new Choice to topic 1 ?

General



Choice name\*  You must supply a value here.

Choice text\* 

Path:

Format  HTML format

Limit

Limit the number of responses allowed   Disable 

Choice 1

Choice 

Limit

Choice 2


Choice 

Limit

Choice 3

Add 3 fields to form


Restrict answering to this time period


Restrict answering to this time period  ☐


Open  25  June  2009  12  00


Until  25  June  2009  12  00


Miscellaneous Settings

Display Mode  Display horizontally 

Publish results  Do not publish results to students 

Privacy of results  Publish anonymous results, do not show student names 

Allow choice to be updated  No 

Show column for unanswered  No 

# Survey Module



- Set of predetermined questions
- COLLES-Constructivist On-Line Learning Environment Survey
  - 24 statements
  - Relevance of course and provides reflection and interactivity
- ATTLS (Attitudes to thinking and Learning Survey)
  - Measure the quality of interaction within the course
- Critical Incidents
  - Consider recent events
  - Answer questions about their relationship to those events.

# Hot Potato Quiz



- Allows teachers to administer HotPotato and TexToys quizzes.
- Quizzes are created on users computer and then uploaded to Moodle
- Number of reports are available.

Adding a new Hot Potatoes Quiz to topic 1

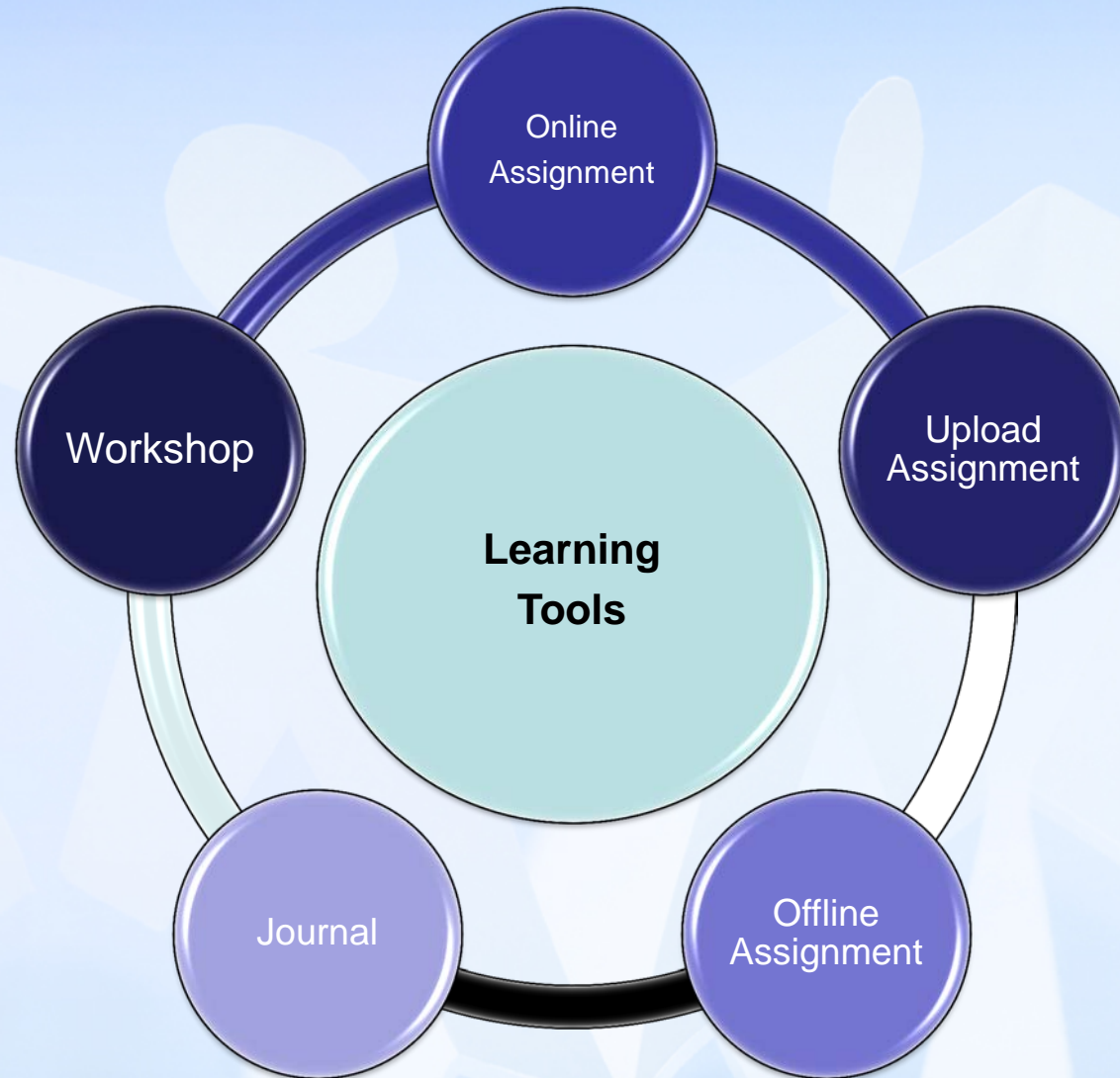
Name:

Summary:

Summary format:  (8 pt)   <



# Learning Tools



- Adding a new Assignment to topic 1

**General**

Assignment name\*

Description\*   
  
  
Path:

Grade

Available from      ☐ Disable

Due date      ☐ Disable

Prevent late submissions

**Online text**

The screenshot shows a web browser window with a blue header. The header contains the text "computers" and a navigation menu with "dheld" and "Assignments". The main content area has a title "Five Applications You Would Like" and a link "Edit my submission". Below the title, there is a paragraph of text: "Go to <http://www.palm.com/us/software>. Also, do a search on the Internet for other sites that may have software for the handheld computer. In the space provided describe five applications you find that you would like to be able to use. Be sure to list the software, describe it and tell where you found your information." Below the text is a "Submission?" section with a form. The form has a title "Trebuchet" and a text area with the text "1 (8 pt)". The form also has a "Lang" dropdown menu and a "Submit" button. The browser's address bar shows "http://www.palm.com/us/software".

# Upload an Assignment



- Allows student to upload a single file
- Allows student to upload multiple files
- Time limits
- Any type of file may be uploaded

The image displays two screenshots from a learning management system interface.

The top screenshot, titled "Adding a new Assignment to topic 1", shows a form with the following sections:

- General**: Includes fields for "Assignment name\*", "Description\*", a Rich Text Editor (Trebuchet), and a "Path:" field.
- Grade**: A dropdown menu set to "100".
- Availability**: "Available from" is set to "25 June 2009 13:35" and "Due date" is set to "2 July 2009 13:35". There are checkboxes for "Disable" and "Prevent late submissions" (set to "No").
- Upload a single file**: A section with settings: "Allow resubmitting" (No), "Email alerts to teachers" (No), and "Maximum size" (2MB).
- Common module settings**: "Group mode" (No groups) and "Visible" (Hide).
- Buttons: "Save changes" and "Cancel".

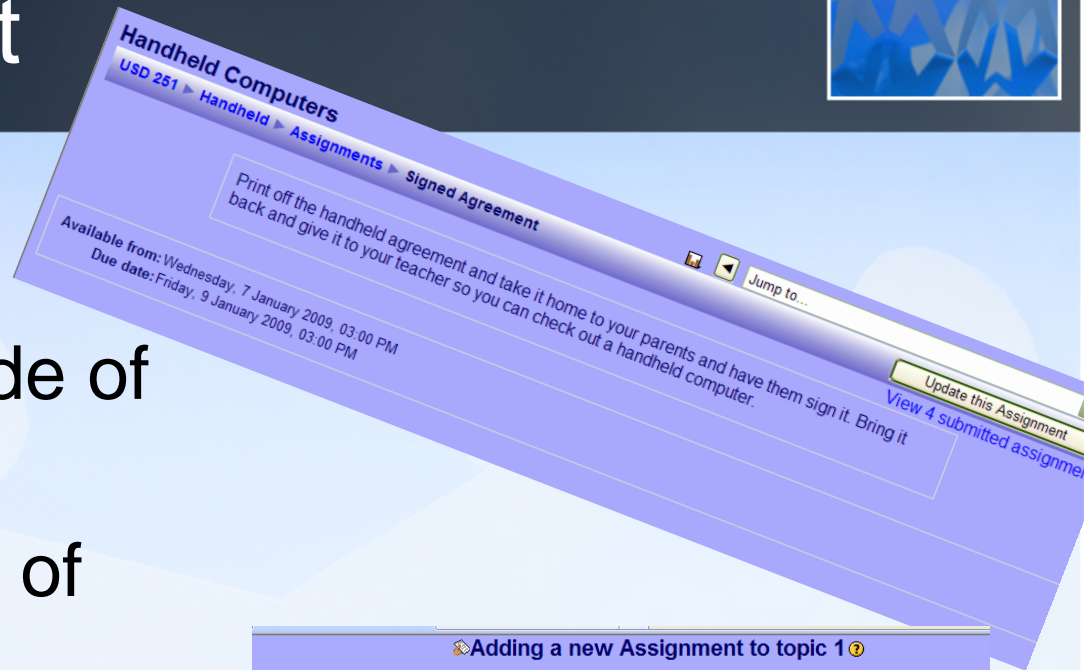
The bottom screenshot shows the "Handheld Computers" assignment page. It includes a breadcrumb trail: "USD 251 > Handheld > Assignments > Hand in Study Guide". The page content states: "This is where you will need to upload your Study Guide for Chapter 1". It also shows the availability dates: "Available from: Wednesday, 14 January 2009, 06:00 AM" and "Due date: Wednesday, 21 January 2009, 09:00 PM". At the bottom, there is an "Upload a file (Max size: 2MB)" section with a text input field, a "Browse..." button, and an "Upload this file" button.



# Offline Assignment



- Assignment performed outside of Moodle
- Give description of assignment
- Allows for grading of assignment on Moodle

A screenshot of the Moodle "Adding a new Assignment to topic 1" form. The form is divided into sections: "General" and "Offline activity". In the "General" section, there are fields for "Assignment name\*" and "Description\*" (with a help icon). Below these is a rich text editor with a toolbar and a text area. There is also a "Path:" field with a help icon. At the bottom of the "General" section, there are dropdown menus for "Grade" (set to 100), "Available from" (25 June 2009 13:00), "Due date" (2 July 2009 13:00), and a "Prevent late submissions" checkbox (set to No). The "Offline activity" section is currently collapsed.

# Journal Module



Adding a new Journal to topic 1 ?

**General**

Journal name\*

Journal question\* ?

Trebuchet 1 (8 pt) Lang **B** *I* U ~~S~~  $\times_2$   $x^2$

Path:

Format ? HTML format

Grade ? No grade

Days available Always open

**Common module settings**

Group mode ? No groups

Visible

- Allows a teacher to ask students to reflect on a particular topic
- Student can edit and refine entry
- Difference between online assignment and journal.

# Workshop Module



- Tools for peer editing
  - Students submit assignment online
  - Assignments are distributed to peers
  - Students assess with rubric supplied by student and/or teacher
- Allows teacher to grade each level separately.

Adding a new Workshop to topic 1

Submission Title:

Description:  Trebuchet 1 (8 pt) Lang  
Write carefully About the HTML editor

Path:

Grade for Assessments: 100

Grade for Submission: 100

Grading Strategy: Accumulative

Number of Comments, Assessment Elements, Grade Bands, Criterion Statements or 1

Set up Assessments or Examples from Teacher:

Comparison of Assessments: Fair

Number of Assessments of Student Submissions: 0

Weight for Teacher Assessments: 1

Over Allocation: 0

Self Assessment: No

Assessments must be agreed: No

Hide Grades before Agreement: No

League Table of Submitted Work: 0

Hide Names from Students: No

Use Password: No

Password:  (Leave blank to keep current password)

Maximum Size: 2MB

Start of submissions: 25 June 2009 - 14 20

Start of assessments: 25 June 2009 - 14 20

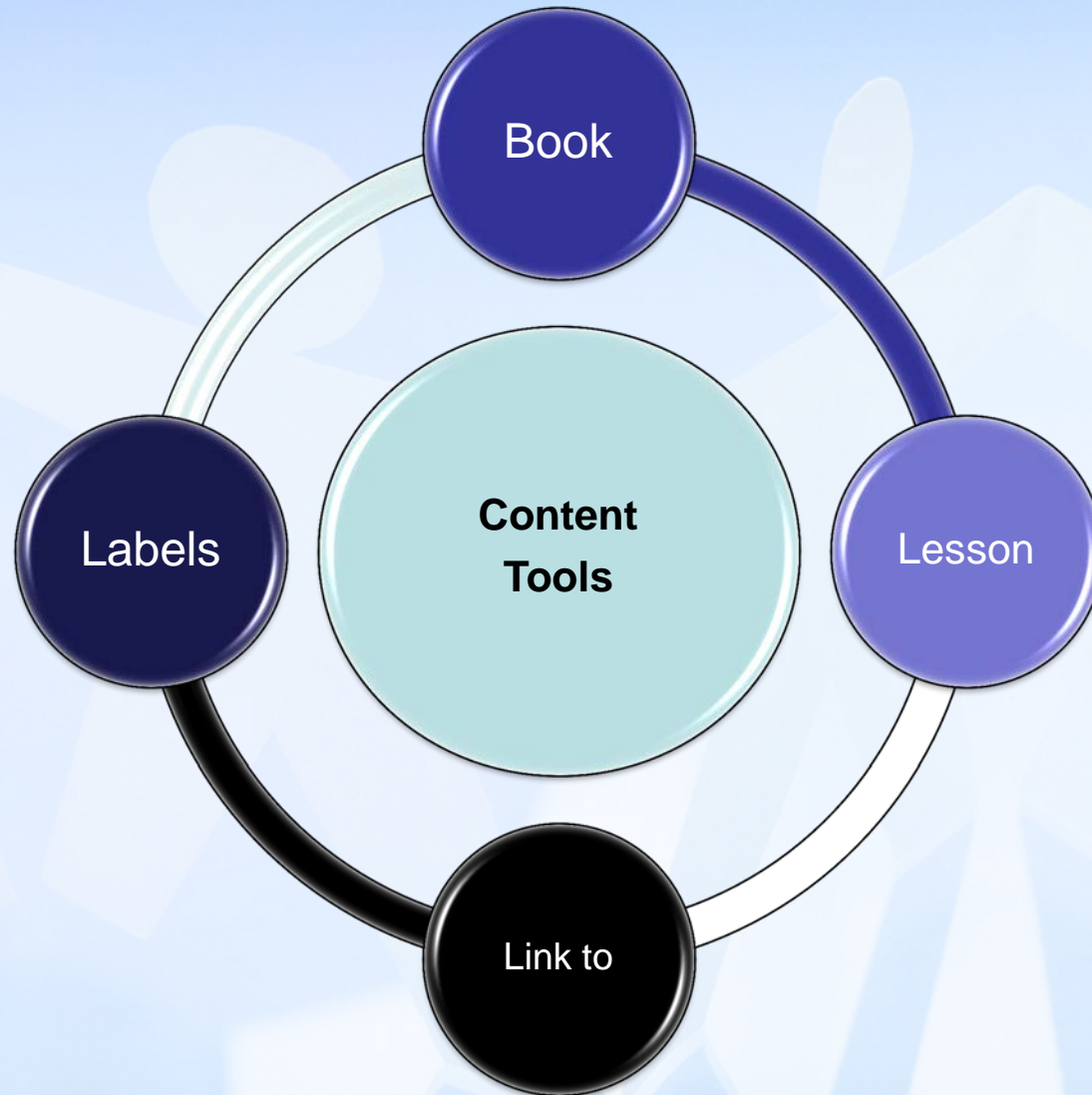
End of submissions: 25 June 2009 - 14 20

End of assessments: 25 June 2009 - 14 20

Release Teacher Grades: 25 June 2009 - 14 20



# Content Tools



# Book Module



- Create multi-page resource
- Allows main chapters and sub-chapters
- Book module is a plug-in module.

**Adding a new Book to topic 1 ?**

Name:

Summary:  1 (8 pt)  Lang  **B** *I* U ~~S~~  $x_2$   $x^2$

[Write carefully ?](#)  
[Ask good questions ?](#)  
[About the HTML editor ?](#)

Path:

Chapter Numbering:  ?

Disable Printing:  ?

Custom Titles:  ?

# Lesson Module



- Provide content and assess learning in one activity
- Creates a series of linked pages
- Can limit advancement of lesson
- Can create flash cards or lessons with multiple branches

**General**

Name \*

Time limit (minutes)  ☐ Enable

Maximum number of answers/branches

**Grade options**

Practice lesson

Custom scoring

Maximum grade

Student can re-take

Handling of re-takes

Display ongoing score

**Flow control**

Allow student review

Display review button

Maximum number of attempts

Action after correct answer

Display default feedback

Minimum number of questions

Number of pages (cards) to show

**Lesson formatting**

Slide Show

Slide show width\*

Slide show height\*

Slide show background color\*

Display left menu

and only display if has grade greater than:

Progress Bar

**Access control**

Password protected lesson

Password

Available from      ☐ Disable

Deadline      ☐ Disable

**Dependent on**

Dependent on

Time Spent (minutes)

Completed ☐


Grade better than (%)



- # Adding a new Resource to topic 1

General

Name\*

Summary 

Trebuchet

1 (8 pt)

Lang

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Path:

Link to a file or web site

Location

Choose or upload a file ...

Search for web page...

field » Files

	Name
<input type="checkbox"/>	Chapter_1
<input type="checkbox"/>	Chapter_10
<input type="checkbox"/>	Chapter_11

held > Files

Name	Size	Modified	Action
Chapter_1	1.2MB	24 Aug 2008, 10:27 PM	Rename
Chapter_10	16KB	28 Oct 2008, 10:58 PM	Rename
Chapter_11	14KB	5 Nov 2008, 02:55 PM	Rename
Chapter_12	460KB	17 Nov 2008, 01:10 PM	Rename
Chapter_13	18KB	1 Dec 2008, 04:25 PM	Rename
Chapter_14	87KB	1 Dec 2008, 04:38 PM	Rename
Chapter_3	9KB	4 Sep 2008, 06:57 AM	Rename
Chapter_6	10KB	4 Sep 2008, 11:20 AM	Rename
	1.8MB	16 Sep 2008, 06:37 AM	Rename

Link to a file or web site

Location

http://

Choose or upload a file ...

Search for web page...

Window

Show Advanced

Window

Same window

Parameters

Show Advanced

- 
- The screenshot shows the Weststar Basic Electricity module interface. The main content area displays 'Lesson 1 Matter' with a list of topics. The left sidebar contains navigation links like 'People', 'Activities', 'Search Forums', and 'Administration'. The right sidebar shows a 'Calendar' for April 2009, an 'Events Key', and 'Recent Activity'. A red circle highlights the 'Add a new Label to topic 1' button in the bottom right corner.

## Adding a new Label to topic 1 ?

Label text\* ?

The screenshot shows the 'Add New Label' dialog box in Moodle. The title bar reads 'Adding a new Label to topic 1 ?'. Inside the dialog, there is a section labeled 'Label text\*' followed by a red question mark icon. Below this is a rich text editor toolbar with various icons for text formatting (font face, size, color, bold, italic, underline, strikethrough, subscript, superscript), lists (bulleted, numbered), indentation, links, media insertion (image, video, audio), tables, forms, and editing actions (undo, redo, source code). A large text area for entering the label text is located below the toolbar. At the bottom of the dialog, there are two buttons: 'Save changes' and 'Cancel'.



# Questions

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